Four capacitors are connected as shown in the figure. What is the equivalent capacitance of the combination when it is charged through points A and B if \( C_1 = 5 \text{F} \), \( C_2 = 4 \text{F} \), \( C_3 = 3 \text{F} \) and \( C_4 = 6 \text{F} \)?

\[
\frac{1}{C_{\text{Series}}} = \frac{1}{2} + \frac{1}{6}
\]

\[ C_{\text{Series}} = 2 \]

\[
C_{\text{Parallel}} = C_1 + C_2 + C_3
\]

\[ = 5 + 4 + 2 \]

\[ = 11 \text{ F} \]